

# PMN Summary

Case Number: P-12-0266 Day in Process: 91 Total Days: 91

Consolidated Cases Yes PMN Summary Only? ☒ Yes ☐ No

Consolidated Case #: 5

Consolidated Cases: P-12-0266; P-12-0267; P-12-0268; P-12-0269; P-12-0270

PMN Day 1: 03/28/2012

PMN Day 90 (30,45,60): 06/25/2012

Phase	Status	Decision
Initial Review	Archive	EL DR-Eligible Drop Decision Date: 04/05/2012 Decision Type: Decision History: CRSS Decision of Eligible Drop made on 04/05/2012

Date	Final Disposition
Disposition History:	CRSSD CRSS Drop on 04/05/2012
CRSS Descriptors:	
Additional Descriptor:	

CRSS Date: 04/04/2012

SAT Date: 04/05/2012

Focus Date:

(Original Subm.) File Name : formdata.pdf

<http://opptcbi2.cbi-epa.gov/webtop/drl/objectId/09022526800eadf8>

Case Number : P-12-0266


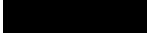
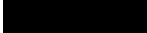
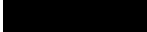
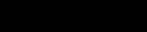
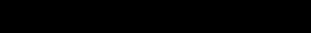
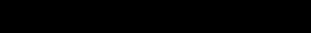
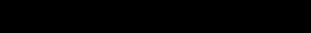
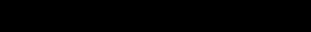
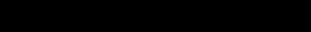

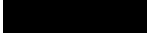
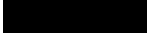

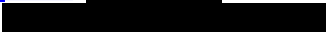
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SRN : TMIX120326592544192

Day(1) : 03/28/2012

Associated Case Num(s): P-12-0267, P-12-0268, P-12-0269, P-12-

Attachment(s) List

- Name :  [1 polymer](#)
- Name :  [2 polymer](#)
- Name :  [3 polymer](#)
- Name :  [4 polymer](#)
- Name :  [5 polymer](#)
- Name : [Case 1 structure diagram](#) 
- Name : [Case 2 structure diagram](#) 
- Name : [Case 3 structure diagram](#) 
- Name : [Case 4 structure diagram](#) 
- Name : [Case 5 structure diagram](#) 
- Name : [Case 1\\_5 Reactor Drawings](#) 
- Name :  [polymer case 1 IR](#)
- Name :  [R&D SAMPLE](#) 
- Name : [Site controlled by others](#) 

Chemist :	Chemistry Report not entered	Engineer:	Engineering Report not entered
SAT Chair:	Human Health Report not entered	Exposure Specialist:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Focus Chair:	Focus Report not entered	Contractor Support:	

Chemical Name:	[REDACTED]		
Submitter:	[REDACTED]	Trade Name:	[REDACTED]
Contact:	[REDACTED]	Contact Telephone Number:	[REDACTED]
Manufacture:	X	Import:	
Polymer:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Grouping for CRSS:	c
		Grouping for Focus:	c
Production Volume:	[REDACTED]	Binding Option:	
IES Order No.:	[REDACTED]	CAS Number:	[REDACTED]
Uses:	[REDACTED] fracturing fluids		

	Health Ratings	Eco Ratings	Comments
(1)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry ;
(2)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry ;

Occupational Exposure:	
Non-Occupational Exposure:	
Environmental Exposure:	
Engineering Drop Criteria/Exposure Drop:	/

Persistence	Bioaccumulation	Toxicity	PBT Comments
(1) Awaiting Fate Entry	(1) Awaiting Fate Entry	(1) Awaiting Health Entry	(1) Awaiting Fate Entry
(2) Awaiting Fate Entry	(2) Awaiting Fate Entry	(2) Awaiting Health Entry	(2) Awaiting Fate Entry
(3) Awaiting Fate Entry	(3) Awaiting Fate Entry	(3) Awaiting Health Entry	(3) Awaiting Fate Entry
(4) Awaiting Fate Entry	(4) Awaiting Fate Entry	(4) Awaiting Health Entry	(4) Awaiting Fate Entry
(5) Awaiting Fate Entry	(5) Awaiting Fate Entry	(5) Awaiting Health Entry	(5) Awaiting Fate Entry

### Exposure Based Information

Exposure Based Review (Chemistry): ☐ Yes ☐ No

Exposure Based Review (Health): ☐ Yes ☐ No

Exposure Based Review (Ecotox): ☐ Yes ☐ No

Exposure Based Review (Occupational): ☐ Yes ☐ No

Exposure Based Review (Non-Occupational): ☐ Yes ☐ No

Exposure Based Review (Environmental): ☐ Yes ☐ No

Criteria		Criteria	
1. Number of Workers Exposed > 1000?	<input type="radio"/> Yes <input type="radio"/> No	1. Exposure-Based Fate--Surface Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
2. > 100 Workers With > 10 mg/Day Inhalation Exposure	<input type="radio"/> Yes <input type="radio"/> No	2. Fish Ingestion:	<input type="radio"/> Yes <input type="radio"/> No
3a. > 100 Workers With 1-10 mg/Day Inhalation Exposure >100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	3. Exposure-Based Fate--Ground Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
3b. > 250 Workers With Routine Dermal Contact > 100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	4. Exposure-Based Fate--Inhalation?	<input type="radio"/> Yes <input type="radio"/> No
		5. Exposure-Based Fate--Water Releases?	<input type="radio"/> Yes <input type="radio"/> No
		6. Total Releases:	<input type="radio"/> Yes <input type="radio"/> No
		7. Consumer Exposure:	<input type="radio"/> Yes <input type="radio"/> No

### Program Manager/Technical Integrator

No.	Assignment	Branch	Resource	Phone	Date Assigned

### Workgroup Assignments

No.	Assignment	Branch	Resource	Phone	Date Assigned

### SNUR History:

Federal Register Number ; Federal Registry Date ; Reason ; Federal Registry Citation

### SNUR Citations:

Sanitization Due Date: ; SNUR notification to reviewers: ; Generic name: ☐ Yes ☐ No

Batch identifier:

CEB Rep: Eric Jackson	EAB Rep:	ICB Rep: Jasbir Sarna	RAD Rep:
Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No

### Notice of Commencement:

Has the case been NOC'd? ☒ Yes ☐ No

Date EPA Received (mm/dd/yyyy):	9/6/2012
Accession Number:	

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**Status History:**

3/29/2012 2:48:38 PM -- Phase Initial Review -- kathryn schechter  
-----  
3/29/2012 2:48:38 PM -- Status Pending CRSS -- kathryn schechter  
-----  
4/2/2012 10:37:55 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
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4/2/2012 10:39:51 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
-----  
4/2/2012 10:39:55 AM -- Status changed from Scheduled for CRSS to CRSS Eligible Drop -- kathryn schechter  
-----  
4/2/2012 10:39:55 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
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4/2/2012 10:40:58 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
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4/5/2012 9:52:06 AM -- Decision changed from EL DR-Eligible Drop to -- kathryn schechter  
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4/5/2012 9:52:10 AM -- Status changed from Scheduled for CRSS to CRSS Eligible Drop -- kathryn schechter  
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4/5/2012 9:52:10 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
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**New Status History Comments :**

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**General Comments:**

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**PMN Summary Comments :**

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Last Updated by kathryn schechter on 06/26/2012 at 12:00:21 AM
Document Created by kathryn schechter on 03/29/2012



# PMN Summary

Case Number: P-12-0267 Day in Process: 91 Total Days: 91

Consolidated Cases Yes PMN Summary Only? ☒ Yes ☐ No

Consolidated Case #: 5

Consolidated Cases: P-12-0266; P-12-0267; P-12-0268; P-12-0269; P-12-0270

PMN Day 1: 03/28/2012

PMN Day 90 (30,45,60): 06/25/2012

Phase	Status	Decision
Initial Review	Archive	EL DR-Eligible Drop Decision Date: 04/05/2012 Decision Type: Decision History: CRSS Decision of Eligible Drop made on 04/05/2012

Date	Final Disposition
Disposition History:	CRSSD CRSS Drop on 04/05/2012
CRSS Descriptors:	
Additional Descriptor:	

CRSS Date: 04/04/2012

SAT Date: 04/05/2012

Focus Date:

(Original Subm.) File Name : formdata.pdf

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Case Number : P-12-0266


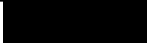
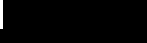
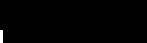

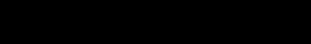
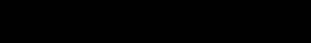
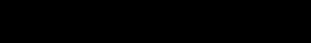
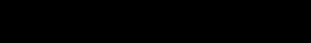


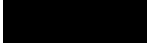

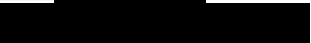

Doc.Type : PMN

SRN : TMIX120326592544192

Day(1) : 03/28/2012

Associated Case Num(s): P-12-0267, P-12-0268, P-12-0269, P-12-

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- Name : [Case 4 structure diagram](#) 
- Name : [Case 5 structure diagram](#) 
- Name : [Case 1\\_5 Reactor Drawings](#) 
- Name :  [polymer case 1 IR](#)
- Name :  [R&D SAMPLE](#) 
- Name : [Site controlled by others](#) 

drawing and text for PMN

● Name : [redacted] [redacted] for PMN

Chemist :	Chemistry Report not entered	Engineer:	Engineering Report not entered
SAT Chair:	Human Health Report not entered	Exposure Specialist:	
Focus Chair:	Focus Report not entered	Contractor Support:	<input type="radio"/> Yes <input checked="" type="radio"/> No

### PMN Attributes

Chemical Name:	[REDACTED]		
Submitter:	[REDACTED]	Trade Name:	[REDACTED]
Contact:	[REDACTED]	Contact Telephone Number:	[REDACTED]
Manufacture:	X	Import:	
Polymer:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Grouping for CRSS:	c
		Grouping for Focus:	c
Production Volume:	[REDACTED]	Binding Option:	
IES Order No.:	[REDACTED]	CAS Number:	[REDACTED]
Uses:	[REDACTED] fracturing fluids		

### Ratings and Concern Levels:

	Health Ratings	Eco Ratings	Comments
(1)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry ;
(2)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry ;

Occupational Exposure:	
Non-Occupational Exposure:	
Environmental Exposure:	
Engineering Drop Criteria/Exposure Drop:	/

Persistence	Bioaccumulation	Toxicity	PBT Comments
(1) Awaiting Fate Entry	(1) Awaiting Fate Entry	(1) Awaiting Health Entry	(1) Awaiting Fate Entry
(2) Awaiting Fate Entry	(2) Awaiting Fate Entry	(2) Awaiting Health Entry	(2) Awaiting Fate Entry
(3) Awaiting Fate Entry	(3) Awaiting Fate Entry	(3) Awaiting Health Entry	(3) Awaiting Fate Entry
(4) Awaiting Fate Entry	(4) Awaiting Fate Entry	(4) Awaiting Health Entry	(4) Awaiting Fate Entry
(5) Awaiting Fate Entry	(5) Awaiting Fate Entry	(5) Awaiting Health Entry	(5) Awaiting Fate Entry

### Exposure Based Information

Exposure Based Review (Chemistry): ☐ Yes ☐ No

Exposure Based Review (Ecotox): ☐ Yes ☐ No

Exposure Based Review (Non-Occupational): ☐ Yes ☐ No

Exposure Based Review (Health): ☐ Yes ☐ No

Exposure Based Review (Occupational): ☐ Yes ☐ No

Exposure Based Review (Environmental): ☐ Yes ☐ No

Criteria		Criteria	
1. Number of Workers Exposed > 1000?	<input type="radio"/> Yes <input type="radio"/> No	1. Exposure-Based Fate--Surface Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
2. > 100 Workers With > 10 mg/Day Inhalation Exposure	<input type="radio"/> Yes <input type="radio"/> No	2. Fish Ingestion:	<input type="radio"/> Yes <input type="radio"/> No
3a. > 100 Workers With 1-10 mg/Day Inhalation Exposure >100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	3. Exposure-Based Fate--Ground Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
3b. > 250 Workers With Routine Dermal Contact > 100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	4. Exposure-Based Fate--Inhalation?	<input type="radio"/> Yes <input type="radio"/> No
		5. Exposure-Based Fate--Water Releases?	<input type="radio"/> Yes <input type="radio"/> No
		6. Total Releases:	<input type="radio"/> Yes <input type="radio"/> No
		7. Consumer Exposure:	<input type="radio"/> Yes <input type="radio"/> No

### Program Manager/Technical Integrator

No.	Assignment	Branch	Resource	Phone	Date Assigned

### Workgroup Assignments

No.	Assignment	Branch	Resource	Phone	Date Assigned

### SNUR History:

Federal Register Number ; Federal Registry Date ; Reason ; Federal Registry Citation

### SNUR Citations:

Sanitization Due Date: ; SNUR notification to reviewers: ; Generic name: ☐ Yes ☐ No

Batch identifier:

CEB Rep: Eric Jackson	EAB Rep:	ICB Rep: Jasbir Sarna	RAD Rep:
Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No

### Notice of Commencement:

Has the case been NOC'd? ☒ Yes ☐ No

Date EPA Received (mm/dd/yyyy):	9/6/2012
Accession Number:	

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**Status History:**

3/29/2012 2:48:38 PM -- Phase Initial Review -- kathryn schechter  
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3/29/2012 2:48:38 PM -- Status Pending CRSS -- kathryn schechter  
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4/2/2012 10:37:55 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
-----  
4/2/2012 10:40:08 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
-----  
4/2/2012 10:40:11 AM -- Status changed from Scheduled for CRSS to CRSS Eligible Drop -- kathryn schechter  
-----  
4/2/2012 10:40:11 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
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4/5/2012 9:52:19 AM -- Status changed from CRSS Eligible Drop to Scheduled for CRSS -- kathryn schechter  
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4/5/2012 9:52:19 AM -- Decision changed from EL DR-Eligible Drop to -- kathryn schechter  
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4/5/2012 9:52:23 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
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**New Status History Comments :**

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**General Comments:**

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**PMN Summary Comments :**

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Last Updated by kathryn schechter on 06/26/2012 at 12:00:21 AM

Document Created by kathryn schechter on 03/29/2012

# PMN Summary

Case Number: P-12-0268 Day in Process: 91 Total Days: 91

Consolidated Cases Yes PMN Summary Only? ☒ Yes ☐ No

Consolidated Case #: 5

Consolidated Cases: P-12-0266; P-12-0267; P-12-0268; P-12-0269; P-12-0270

PMN Day 1: 03/28/2012 PMN Day 90 (30,45,60): 06/25/2012

Phase	Status	Decision
Initial Review	Archive	EL DR-Eligible Drop Decision Date: 04/05/2012 Decision Type: Decision History: CRSS Decision of Eligible Drop made on 04/05/2012

Date	Final Disposition
Disposition History:	CRSSD CRSS Drop on 04/05/2012
CRSS Descriptors:	
Additional Descriptor:	

CRSS Date: 04/04/2012

SAT Date: 04/05/2012

Focus Date:

(Original Subm.) File Name : formdata.pdf

<http://opptcbi2.cbi-epa.gov/webtop/drl/objectId/09022526800eadf8>

Case Number : P-12-0266

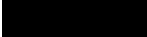
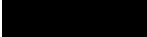
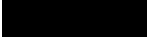
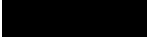
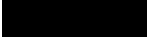
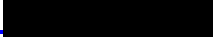
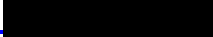
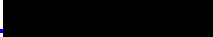
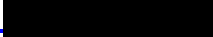
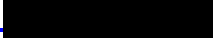
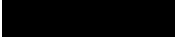
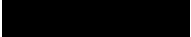
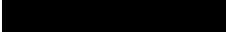
Doc.Type : PMN

SRN : TMIX120326592544192

Day(1) : 03/28/2012

Associated Case Num(s): P-12-0267, P-12-0268, P-12-0269, P-12-

Attachment(s) List

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- Name : [Case 1 structure diagram](#) 
- Name : [Case 2 structure diagram](#) 
- Name : [Case 3 structure diagram](#) 
- Name : [Case 4 structure diagram](#) 
- Name : [Case 5 structure diagram](#) 
- Name : [Case 1\\_5 Reactor Drawings](#)
- Name :  [polymer case 1 IR](#)
- Name :  [R&D SAMPLE EXP 5901](#)
- Name : [Site controlled by others](#) 

drawing and text for PMN

- **Name :** [redacted] [redacted] **for PMN**

Chemist :	Chemistry Report not entered	Engineer:	Engineering Report not entered
SAT Chair:	Human Health Report not entered	Exposure Specialist:	
Focus Chair:	Focus Report not entered	Contractor Support:	<input type="radio"/> Yes <input checked="" type="radio"/> No

### PMN Attributes

Chemical Name:	[REDACTED]		
Submitter:	[REDACTED]	Trade Name:	[REDACTED]
Contact:	[REDACTED]	Contact Telephone Number:	[REDACTED]
Manufacture:	X	Import:	
Polymer:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Grouping for CRSS:	c
		Grouping for Focus:	c
Production Volume:	[REDACTED]	Binding Option:	
IES Order No.:	[REDACTED]	CAS Number:	[REDACTED]
Uses:	[REDACTED] fracturing fluids		

### Ratings and Concern Levels:

	Health Ratings	Eco Ratings	Comments
(1)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry ;
(2)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry ;

Occupational Exposure:	
Non-Occupational Exposure:	
Environmental Exposure:	
Engineering Drop Criteria/Exposure Drop:	/

Persistence	Bioaccumulation	Toxicity	PBT Comments
(1) Awaiting Fate Entry	(1) Awaiting Fate Entry	(1) Awaiting Health Entry	(1) Awaiting Fate Entry
(2) Awaiting Fate Entry	(2) Awaiting Fate Entry	(2) Awaiting Health Entry	(2) Awaiting Fate Entry
(3) Awaiting Fate Entry	(3) Awaiting Fate Entry	(3) Awaiting Health Entry	(3) Awaiting Fate Entry
(4) Awaiting Fate Entry	(4) Awaiting Fate Entry	(4) Awaiting Health Entry	(4) Awaiting Fate Entry
(5) Awaiting Fate Entry	(5) Awaiting Fate Entry	(5) Awaiting Health Entry	(5) Awaiting Fate Entry

### Exposure Based Information

Exposure Based Review (Chemistry): ☐ Yes ☐ No

Exposure Based Review (Ecotox): ☐ Yes ☐ No

Exposure Based Review (Non-Occupational): ☐ Yes ☐ No

Exposure Based Review (Health): ☐ Yes ☐ No

Exposure Based Review (Occupational): ☐ Yes ☐ No

Exposure Based Review (Environmental): ☐ Yes ☐ No

Criteria		Criteria	
1. Number of Workers Exposed > 1000?	<input type="radio"/> Yes <input type="radio"/> No	1. Exposure-Based Fate--Surface Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
2. > 100 Workers With > 10 mg/Day Inhalation Exposure	<input type="radio"/> Yes <input type="radio"/> No	2. Fish Ingestion:	<input type="radio"/> Yes <input type="radio"/> No
3a. > 100 Workers With 1-10 mg/Day Inhalation Exposure >100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	3. Exposure-Based Fate--Ground Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
3b. > 250 Workers With Routine Dermal Contact > 100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	4. Exposure-Based Fate--Inhalation?	<input type="radio"/> Yes <input type="radio"/> No
		5. Exposure-Based Fate--Water Releases?	<input type="radio"/> Yes <input type="radio"/> No
		6. Total Releases:	<input type="radio"/> Yes <input type="radio"/> No
		7. Consumer Exposure:	<input type="radio"/> Yes <input type="radio"/> No

### Program Manager/Technical Integrator

No.	Assignment	Branch	Resource	Phone	Date Assigned

### Workgroup Assignments

No.	Assignment	Branch	Resource	Phone	Date Assigned

### SNUR History:

Federal Register Number ; Federal Registry Date ; Reason ; Federal Registry Citation

### SNUR Citations:

Sanitization Due Date: ; SNUR notification to reviewers: ; Generic name: ☐ Yes ☐ No

Batch identifier:

CEB Rep: Eric Jackson	EAB Rep:	ICB Rep: Jasbir Sarna	RAD Rep:
Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No

### Notice of Commencement:

Has the case been NOC'd? ☒ Yes ☐ No

Date EPA Received (mm/dd/yyyy):	9/6/2012
Accession Number:	

---

**Status History:**

3/29/2012 2:48:38 PM -- Phase Initial Review -- kathryn schechter  
-----  
3/29/2012 2:48:38 PM -- Status Pending CRSS -- kathryn schechter  
-----  
4/2/2012 10:37:55 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
-----  
4/2/2012 10:41:12 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
-----  
4/2/2012 10:41:15 AM -- Status changed from Scheduled for CRSS to CRSS Eligible Drop -- kathryn schechter  
-----  
4/2/2012 10:41:15 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
-----  
4/5/2012 9:52:30 AM -- Status changed from CRSS Eligible Drop to Scheduled for CRSS -- kathryn schechter  
-----  
4/5/2012 9:52:30 AM -- Decision changed from EL DR-Eligible Drop to -- kathryn schechter  
-----  
4/5/2012 9:52:33 AM -- Status changed from Scheduled for CRSS to CRSS Eligible Drop -- kathryn schechter  
-----  
4/5/2012 9:52:33 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
-----

**New Status History Comments :**

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**General Comments:**

---

**PMN Summary Comments :**

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Last Updated by kathryn schechter on 06/26/2012 at 12:00:21 AM

Document Created by kathryn schechter on 03/29/2012



# PMN Summary

Case Number: P-12-0269 Day in Process: 91 Total Days: 91

Consolidated Cases Yes PMN Summary Only? ☒ Yes ☐ No

Consolidated Case #: 5

Consolidated Cases: P-12-0266; P-12-0267; P-12-0268; P-12-0269; P-12-0270

PMN Day 1: 03/28/2012

PMN Day 90 (30,45,60): 06/25/2012

Phase	Status	Decision
Initial Review	Archive	EL DR-Eligible Drop Decision Date: 04/05/2012 Decision Type: Decision History: CRSS Decision of Eligible Drop made on 04/05/2012

Date	Final Disposition
Disposition History:	CRSSD CRSS Drop on 04/05/2012
CRSS Descriptors:	
Additional Descriptor:	

CRSS Date: 04/04/2012

SAT Date: 04/05/2012

Focus Date:

(Original Subm.) File Name : formdata.pdf

<http://opptcbi2.cbi-epa.gov/webtop/drl/objectId/09022526800eadf8>

Case Number : P-12-0266

Doc.Type : PMN

SRN : TMIX120326592544192

Day(1) : 03/28/2012

Associated Case Num(s): P-12-0267, P-12-0268, P-12-0269, P-12-

Attachment(s) List

- Name : [1 polymer](#)
- Name : [2 polymer](#)
- Name : [3 polymer](#)
- Name : [4 polymer](#)
- Name : [5 polymer](#)
- Name : [Case 1 structure diagram](#)
- Name : [Case 2 structure diagram](#)
- Name : [Case 3 structure diagram](#)
- Name : [Case 4 structure diagram](#)
- Name : [Case 5 structure diagram](#)
- Name : [Case 1\\_5 Reactor Drawings](#)
- Name : [polymer case 1 IR](#)
- Name : [R&D SAMPLE](#)
- Name : [Site controlled by others](#)

drawing and text for PMN

● Name : [redacted] [redacted] for PMN

Chemist :	Chemistry Report not entered	Engineer:	Engineering Report not entered
SAT Chair:	Human Health Report not entered	Exposure Specialist:	
Focus Chair:	Focus Report not entered	Contractor Support:	<input type="radio"/> Yes <input checked="" type="radio"/> No

### PMN Attributes

Chemical Name:	[REDACTED]		
Submitter:	[REDACTED]	Trade Name:	[REDACTED]
Contact:	[REDACTED]	Contact Telephone Number:	[REDACTED]
Manufacture:	X	Import:	
Polymer:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Grouping for CRSS:	c
		Grouping for Focus:	c
Production Volume:	[REDACTED]	Binding Option:	
IES Order No.:	[REDACTED]	CAS Number:	[REDACTED]
Uses:	[REDACTED] fracturing fluids		

### Ratings and Concern Levels:

	Health Ratings	Eco Ratings	Comments
(1)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry ;
(2)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry ;

Occupational Exposure:	
Non-Occupational Exposure:	
Environmental Exposure:	
Engineering Drop Criteria/Exposure Drop:	/

Persistence	Bioaccumulation	Toxicity	PBT Comments
(1) Awaiting Fate Entry	(1) Awaiting Fate Entry	(1) Awaiting Health Entry	(1) Awaiting Fate Entry
(2) Awaiting Fate Entry	(2) Awaiting Fate Entry	(2) Awaiting Health Entry	(2) Awaiting Fate Entry
(3) Awaiting Fate Entry	(3) Awaiting Fate Entry	(3) Awaiting Health Entry	(3) Awaiting Fate Entry
(4) Awaiting Fate Entry	(4) Awaiting Fate Entry	(4) Awaiting Health Entry	(4) Awaiting Fate Entry
(5) Awaiting Fate Entry	(5) Awaiting Fate Entry	(5) Awaiting Health Entry	(5) Awaiting Fate Entry

### Exposure Based Information

Exposure Based Review (Chemistry): ☐ Yes ☐ No

Exposure Based Review (Ecotox): ☐ Yes ☐ No

Exposure Based Review (Non-Occupational): ☐ Yes ☐ No

Exposure Based Review (Health): ☐ Yes ☐ No

Exposure Based Review (Occupational): ☐ Yes ☐ No

Exposure Based Review (Environmental): ☐ Yes ☐ No

Criteria		Criteria	
1. Number of Workers Exposed > 1000?	<input type="radio"/> Yes <input type="radio"/> No	1. Exposure-Based Fate--Surface Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
2. > 100 Workers With > 10 mg/Day Inhalation Exposure	<input type="radio"/> Yes <input type="radio"/> No	2. Fish Ingestion:	<input type="radio"/> Yes <input type="radio"/> No
3a. > 100 Workers With 1-10 mg/Day Inhalation Exposure >100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	3. Exposure-Based Fate--Ground Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
3b. > 250 Workers With Routine Dermal Contact > 100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	4. Exposure-Based Fate--Inhalation?	<input type="radio"/> Yes <input type="radio"/> No
		5. Exposure-Based Fate--Water Releases?	<input type="radio"/> Yes <input type="radio"/> No
		6. Total Releases:	<input type="radio"/> Yes <input type="radio"/> No
		7. Consumer Exposure:	<input type="radio"/> Yes <input type="radio"/> No

### Program Manager/Technical Integrator

No.	Assignment	Branch	Resource	Phone	Date Assigned

### Workgroup Assignments

No.	Assignment	Branch	Resource	Phone	Date Assigned

### SNUR History:

Federal Register Number ; Federal Registry Date ; Reason ; Federal Registry Citation

### SNUR Citations:

Sanitization Due Date: ; SNUR notification to reviewers: ; Generic name: ☐ Yes ☐ No

Batch identifier:

CEB Rep: Eric Jackson	EAB Rep:	ICB Rep: Jasbir Sarna	RAD Rep:
Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No

### Notice of Commencement:

Has the case been NOC'd? ☒ Yes ☐ No

Date EPA Received (mm/dd/yyyy):	9/6/2012
Accession Number:	

---

**Status History:**

3/29/2012 2:48:38 PM -- Phase Initial Review -- kathryn schechter  
-----  
3/29/2012 2:48:38 PM -- Status Pending CRSS -- kathryn schechter  
-----  
4/2/2012 10:37:55 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
-----  
4/2/2012 10:41:28 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
-----  
4/2/2012 10:41:31 AM -- Status changed from Scheduled for CRSS to CRSS Eligible Drop -- kathryn schechter  
-----  
4/2/2012 10:41:31 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
-----  
4/5/2012 9:52:40 AM -- Status changed from CRSS Eligible Drop to Scheduled for CRSS -- kathryn schechter  
-----  
4/5/2012 9:52:40 AM -- Decision changed from EL DR-Eligible Drop to -- kathryn schechter  
-----  
4/5/2012 9:52:44 AM -- Status changed from Scheduled for CRSS to CRSS Eligible Drop -- kathryn schechter  
-----  
4/5/2012 9:52:44 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
-----

**New Status History Comments :**

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**General Comments:**

---

**PMN Summary Comments :**

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Last Updated by kathryn schechter on 06/26/2012 at 12:00:21 AM

Document Created by kathryn schechter on 03/29/2012

# PMN Summary

Case Number: P-12-0270 Day in Process: 91 Total Days: 91

Consolidated Cases Yes PMN Summary Only? ☒ Yes ☐ No

Consolidated Case #: 5

Consolidated Cases: P-12-0266; P-12-0267; P-12-0268; P-12-0269; P-12-0270

PMN Day 1: 03/28/2012 PMN Day 90 (30,45,60): 06/25/2012

Phase	Status	Decision
Initial Review	Archive	EL DR-Eligible Drop Decision Date: 04/05/2012 Decision Type: Decision History: CRSS Decision of Eligible Drop made on 04/05/2012

Date	Final Disposition
Disposition History:	CRSSD CRSS Drop on 04/05/2012
CRSS Descriptors:	
Additional Descriptor:	

CRSS Date: 04/04/2012

SAT Date: 04/05/2012

Focus Date:

(Original Subm.) File Name : formdata.pdf

<http://opptcbi2.cbi-epa.gov/webtop/drl/objectId/09022526800eadf8>

Case Number : P-12-0266


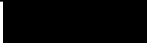
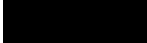
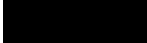

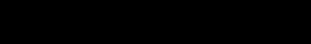
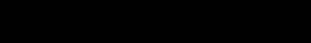
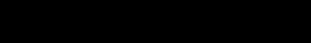
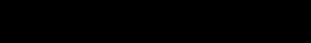


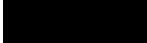

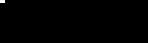

Doc.Type : PMN

SRN : TMIX120326592544192

Day(1) : 03/28/2012

Associated Case Num(s): P-12-0267, P-12-0268, P-12-0269, P-12-

Attachment(s) List

- Name :  [1 polymer](#)
- Name :  [2 polymer](#)
- Name :  [3 polymer](#)
- Name :  [4 polymer](#)
- Name :  [5 polymer](#)
- Name : [Case 1 structure diagram](#) 
- Name : [Case 2 structure diagram](#) 
- Name : [Case 3 structure diagram](#) 
- Name : [Case 4 structure diagram](#) 
- Name : [Case 5 structure diagram](#) 
- Name : [Case 1\\_5 Reactor Drawings](#) 
- Name :  [polymer case 1 IR](#)
- Name :  [R&D SAMPLE](#) 
- Name : [Site controlled by others](#) 

drawing and text for PMN

● Name : [redacted] [redacted] for PMN

Chemist :	Chemistry Report not entered	Engineer:	Engineering Report not entered
SAT Chair:	Human Health Report not entered	Exposure Specialist:	
Focus Chair:	Focus Report not entered	Contractor Support:	<input type="radio"/> Yes <input checked="" type="radio"/> No

### PMN Attributes

Chemical Name:	[REDACTED]		
Submitter:	[REDACTED]	Trade Name:	[REDACTED]
Contact:	[REDACTED]	Contact Telephone Number:	[REDACTED]
Manufacture:	X	Import:	
Polymer:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Grouping for CRSS:	c
		Grouping for Focus:	c
Production Volume:	[REDACTED]	Binding Option:	
IES Order No.:	[REDACTED]	CAS Number:	[REDACTED]
Uses:	[REDACTED] fracturing fluids		

### Ratings and Concern Levels:

	Health Ratings	Eco Ratings	Comments
(1)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry ;
(2)	Awaiting Human Health Entry	Awaiting Ecotox Entry	Awaiting Human Health Entry :

Occupational Exposure:	
Non-Occupational Exposure:	
Environmental Exposure:	
Engineering Drop Criteria/Exposure Drop:	/

Persistence	Bioaccumulation	Toxicity	PBT Comments
(1) Awaiting Fate Entry	(1) Awaiting Fate Entry	(1) Awaiting Health Entry	(1) Awaiting Fate Entry
(2) Awaiting Fate Entry	(2) Awaiting Fate Entry	(2) Awaiting Health Entry	(2) Awaiting Fate Entry
(3) Awaiting Fate Entry	(3) Awaiting Fate Entry	(3) Awaiting Health Entry	(3) Awaiting Fate Entry
(4) Awaiting Fate Entry	(4) Awaiting Fate Entry	(4) Awaiting Health Entry	(4) Awaiting Fate Entry
(5) Awaiting Fate Entry	(5) Awaiting Fate Entry	(5) Awaiting Health Entry	(5) Awaiting Fate Entry

### Exposure Based Information

Exposure Based Review (Chemistry): ☐ Yes ☐ No

Exposure Based Review (Ecotox): ☐ Yes ☐ No

Exposure Based Review (Non-Occupational): ☐ Yes ☐ No

Exposure Based Review (Health): ☐ Yes ☐ No

Exposure Based Review (Occupational): ☐ Yes ☐ No

Exposure Based Review (Environmental): ☐ Yes ☐ No

Criteria		Criteria	
1. Number of Workers Exposed > 1000?	<input type="radio"/> Yes <input type="radio"/> No	1. Exposure-Based Fate--Surface Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
2. > 100 Workers With > 10 mg/Day Inhalation Exposure	<input type="radio"/> Yes <input type="radio"/> No	2. Fish Ingestion:	<input type="radio"/> Yes <input type="radio"/> No
3a. > 100 Workers With 1-10 mg/Day Inhalation Exposure >100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	3. Exposure-Based Fate--Ground Drinking Water?	<input type="radio"/> Yes <input type="radio"/> No
3b. > 250 Workers With Routine Dermal Contact > 100 Days/Yr	<input type="radio"/> Yes <input type="radio"/> No	4. Exposure-Based Fate--Inhalation?	<input type="radio"/> Yes <input type="radio"/> No
		5. Exposure-Based Fate--Water Releases?	<input type="radio"/> Yes <input type="radio"/> No
		6. Total Releases:	<input type="radio"/> Yes <input type="radio"/> No
		7. Consumer Exposure:	<input type="radio"/> Yes <input type="radio"/> No

### Program Manager/Technical Integrator

No.	Assignment	Branch	Resource	Phone	Date Assigned

### Workgroup Assignments

No.	Assignment	Branch	Resource	Phone	Date Assigned

### SNUR History:

Federal Register Number ; Federal Registry Date ; Reason ; Federal Registry Citation

### SNUR Citations:

Sanitization Due Date: ; SNUR notification to reviewers: ; Generic name: ☐ Yes ☐ No

Batch identifier:

CEB Rep: Eric Jackson	EAB Rep:	ICB Rep: Jasbir Sarna	RAD Rep:
Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No	Done: <input type="radio"/> Yes <input type="radio"/> No

### Notice of Commencement:

Has the case been NOC'd? ☒ Yes ☐ No

Date EPA Received (mm/dd/yyyy):	9/6/2012
Accession Number:	

---

**Status History:**

3/29/2012 2:48:38 PM -- Phase Initial Review -- kathryn schechter  
-----  
3/29/2012 2:48:38 PM -- Status Pending CRSS -- kathryn schechter  
-----  
4/2/2012 10:37:55 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
-----  
4/2/2012 10:41:47 AM -- Status changed from Pending CRSS to Scheduled for CRSS -- kathryn schechter  
-----  
4/2/2012 10:41:53 AM -- Status changed from Scheduled for CRSS to CRSS Eligible Drop -- kathryn schechter  
-----  
4/2/2012 10:41:53 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
-----  
4/5/2012 9:52:49 AM -- Status changed from CRSS Eligible Drop to Scheduled for CRSS -- kathryn schechter  
-----  
4/5/2012 9:52:49 AM -- Decision changed from EL DR-Eligible Drop to -- kathryn schechter  
-----  
4/5/2012 9:52:53 AM -- Status changed from Scheduled for CRSS to CRSS Eligible Drop -- kathryn schechter  
-----  
4/5/2012 9:52:53 AM -- Decision changed from to EL DR-Eligible Drop -- kathryn schechter  
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**New Status History Comments :**

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**General Comments:**

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**PMN Summary Comments :**

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Last Updated by kathryn schechter on 06/26/2012 at 12:00:21 AM

Document Created by kathryn schechter on 03/29/2012